Total survey respondents: 2074 Response rate: 95.6 %

Engaging and Supporting All Students in Learning

How well did your teacher preparation program prepare you to do each of the following as a teacher?

1. Use knowledge of students' strengths a	nd prior experiences to engage 203	1 97.9%		
them in learning	DNR 4.	3 2.1%		
1 = Not at all		2 0.1%		Mea
2 = Poorly	1	8 0.9%	0.75	SD
3 = Adequately	25	7 12.7%		
4 = Well	63	6 31.3%		
5 = Very well	111	8 55.0%		
	202	8 97.8%		
2. Connect classroom learning to the real	world dnr 40	2.2%		
1 = Not at all		6 0.3%	4.31	Mea
2 = Poorly	4	2 2.1%	0.82	
$3 = \overline{\text{Adequately}}$	29	3 14.4%		
4 = Well	65	4 32.2%		
5 = Very well	103	3 50.9%		
3. Engage students in inquiry, problem sol	ving and reflection to promote 201	8 97.3%		
their critical thinking	DNR 5	2.7%		
1 = Not at all		7 0.3%	4.28	Mea
2 = Poorly	5	1 2.5%	0.84	
3 = Adequately	30	8 15.3%		
4 = Well	66	5 33.0%		
5 = Very well	98	7 48.9%		
	175	6 84.7%		
4. Meet the instructional needs of English	learners DNR 310	3 15.3%		
1 = Not at all		3 0.2%	4.34	Mea
2 = Poorly	3	0 1.7%	0.78	
3 = Adequately	23	4 13.3%		
4 = Well	58	5 33.3%		
5 = Very well	90	4 51.5%		
5. Identify and address special learning ne	eeds with appropriate teaching 202	2 97.5%		
strategies	DNR 5.	2 2.5%		
1 = Not at all		4 0.2%	4.45	Mea
2 = Poorly	2	6 1.3%	0.75	
3 = Adequately	21	1 10.4%		
4 = Well	58	6 29.0%		
4 = Weii	38			

Creating and Maintaining Effective Environments for Student Learning

How well did your teacher preparation program prepare you to do each of the following as a teacher?

6. Engage students in cooperative group work as well as independent		1394	67.2%
learning		DNR 680	32.8%
1 =	Not at all	1	0.1%
2 =	Poorly	15	1.1%
3 =	Adequately	180	12.9%
4 =	Well	448	32.1%
5 =	Very well	750	53.8%

4.39 **Mean** 0.75 **SD**

Total survey respondents: 2074 Response rate: 95.6 %

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Date: 10/15/2018

7. Establish and maintain a	safe and respectful learning environment for all	2	019	97.3%		
students		DNR	55	2.7%		
1 =	Not at all		2	0.1%	4.48	Mean
2 =	Poorly		19	0.9%	0.72	SD
3 =	Adequately		204	10.1%		
4 =	Well		575	28.5%		
5 =	Very well	1	219	60.4%		
		-	010	96.9%		
•	ing environment with high expectations for all	DNR	2010			
students		DINK	64	3.1%		
1 =	Not at all		3	0.1%		Mean
2 =	Poorly		25	1.2%	0.74	SD
3 =	Adequately		218	10.8%		
4 =	Well		630	31.3%		
5 =	Very well	1	134	56.4%		
				25.20/		
·	ns by intervening early using strategies matched		800	96.8%		
to student's current learning	and behavior level	DNR	66	3.2%		
1 =	Not at all		5	0.2%	4.28	Mean
2 =	Poorly		47	2.3%	0.83	SD
3 =	Adequately		309	15.4%		
4 =	Well		663	33.0%		
5 =	Very well		984	49.0%		

Understanding and Organizing Subject Matter for Student Learning

How well did your teacher preparation program prepare you to do each of the following as a teacher?

10.5		1853	89.3%		
10. Develop curriculum to to	each content standards effectively	DNR 221	10.7%		
1 =	Not at all	13	0.7%	4.16	Mean
2 =	Poorly	60	3.2%	0.88	SD
3 =	Adequately	337	18.2%		
4 =	Well	650	35.1%		
5 =	Very well	793	42.8%		
	al strategies to teach specific subject matter and	1859	89.6%		
skills		DNR 215	10.4%		
1 =	Not at all	5	0.3%	4.28	Mean
2 =	Poorly	33	1.8%	0.81	SD
3 =	Adequately	288	15.5%		
4 =	Well	649	34.9%		
5 =	Very well	884	47.6%		
12. Select, adapt, and deve	lop materials, resources, and technologies to	1857	89.5%		
make subject matter access	sible to all students	DNR 217	10.5%		
1 =	Not at all	2	0.1%	4.30	Mean
2 =	Poorly	40	2.2%	0.80	SD
3 =	Adequately	270	14.5%		
4 =	Well	628	33.8%		
5 =	Very well	917	49.4%		

Total survey respondents: 2074 Response rate: 95.6 %

·	evidence-based instructional and assistive ent access to challenging content	1853 DNR 221			
3, 1.					
1 =	Not at all	10	0.5%	4.24	Mean
2 =	Poorly	45	2.4%	0.83	SD
3 =	Adequately	275	14.8%	L	
4 =	Well	675	36.4%		
5 =	Very well	848	45.8%		

Planning Instruction and Designing Learning Experiences for All Students

How well did your teacher preparation program prepare you to do each of the following as a teacher?

14. Plan instruction based on students' prior knowledge, academic readiness,	1853	89.3%		
language proficiency, cultural background, and individual development	DNR 221	10.7%		
1 = Not at all	5	0.3%	4.34	Mean
2 = Poorly	30	1.6%	0.78	
3 = Adequately	231	12.5%		
4 = Well	642	34.6%		
5 = Very well	945	51.0%		
45. Discount of death in the white the time are supported by the time.	1854	89.4%		
15. Plan and adapt instruction that incorporates appropriate strategies, resources and technologies to meet the learning needs of all students	DNR 220	10.6%		
1 = Not at all	5	0.3%	4.35	Mean
2 = Poorly	30	1.6%	0.78	
3 = Adequately	230	12.4%	0.70	שכ
4 = Well	642	34.6%		
5 = Very well	947	51.1%		
<u> </u>	J.,	01.170		
16. Develop IFSP/IEP goals and objectives that are measurable and	1851	89.2%		
obtainable	DNR 223	10.8%		
1 = Not at all	6	0.3%	4.27	Mean
2 = Poorly	55	3.0%	0.85	
3 = Adequately	283	15.3%		
4 = Well	601	32.5%		
5 = Very well	906	48.9%		
	1044	00.00/		
17. Plan for instruction by incorporating all relevant IFSP/IEP information	1844	88.9%		
behavior and academic information	DNR 230	11.1%	4.24	
1 = Not at all	7	0.4%		Mean
2 = Poorly	56	3.0%	0.85	SD
3 = Adequately	287	15.6%		
4 = Well	638	34.6%		
5 = Very well	856	46.4%		
18. Ensure students with exceptionalities receive appropriate instruction and	1846	89.0%		
support within the least restrictive environment	DNR 228	11.0%		
1 = Not at all	4	0.2%	4.38	Mean
2 = Poorly	27	1.5%	0.76	
3 = Adequately	214	11.6%		
4 = Well	616	33.4%		
5 = Very well	985	53.4%		

^{*} Responses of "Don't Know" or variations on "N/A" are excluded from the percentage calculations.

Total survey respondents: 2074 Response rate: 95.6 %

Assessing Students for Learning

How well did your teacher preparation program prepare you to do each of the following as a teacher?

ar teacher preparation program prepare you to do each	i or the following as a teac	iici :			
19. Develop and use assessment data from a variety	of sources to establish	1797	86.6%		
learning goals and to plan, differentiate, and modify i	instruction	DNR 277	13.4%		
1 = Not at all		2	0.1%	4.31	Mean
2 = Poorly		36	2.0%	0.79	SD
3 = Adequately		247	13.7%		
4 = Well		636	35.4%		
5 = Very well		876	48.7%		
20. Involve all students in self-assessment, goal setti	ing, and monitoring	1772	85.4%		
progress		DNR 302	14.6%		
1 = Not at all		6	0.3%	4.20	Mean
2 = Poorly		49	2.8%	0.84	SD
3 = Adequately		298	16.8%		
4 = Well		658	37.1%		
5 = Very well		761	42.9%		
		1785	86.1%		
21. Give productive feedback to students to guide the	eir learning	DNR 289	13.9%		
1 = Not at all		5	0.3%	4.29	Mean
2 = Poorly		31	1.7%	0.80	SD
3 = Adequately		264	14.8%		
4 = Well		634	35.5%		
5 = Very well		851	47.7%		
22. Collect and utilize data to ensure educational ben	efit when aligning				
assessment data with goals and services within the le	5 5	1791	86.4%		
environment		DNR 283	13.6%		
1 = Not at all		4	0.2%	4.29	Mean
2 = Poorly		35	2.0%	0.80	
3 = Adequately		258	14.4%		
4 = Well		638	35.6%		
5 = Very well		856	47.8%		
23. Appropriately modify and accommodate state and	d local assessments	1789	86.3%		
based on students' learning and accessibility needs		DNR 285	13.7%		
1 = Not at all		16	0.9%	4.23	Mean
2 = Poorly		43	2.4%	0.86	
3 = Adequately		273	15.3%		
4 = Well		633	35.4%		
5 = Very well		824	46.1%		

Developing as a Professional Educator

How well did your teacher preparation program prepare you to do each of the following as a teacher?

24. Evaluate the effects of your actions on student learning and modify plans		86.5%
accordingly	DNR 280	13.5%
1 = Not at all	5	0.3%
2 = Poorly	23	1.3%
3 = Adequately	243	13.5%
4 = Well	650	36.2%
5 = Very well	873	48.7%

4.32 **Mean** 0.77 **SD**

Preliminary Educational Specialist Credential Program Completer Survey - 2018

Statewide Results

Total survey respondents: 2074 Response rate: 95.6 %

25. Work with families to better understand students and to support their		1792	86.4%		
learning		DNR 282	13.6%		
1 =	Not at all	8	0.4%	4.22	Mean
2 =	Poorly	44	2.5%	0.84	SD
3 =	Adequately	291	16.2%		
4 =	Well	644	35.9%		
5 =	Very well	805	44.9%		
26. Work with colleagues to	improve instruction	1791	86.4%		
20. Work With concugacs to		DNR 283	13.6%		
1 =	Not at all	7	0.4%	4.30	Mean
2 =	Poorly	40	2.2%	0.82	SD
3 =	Adequately	245	13.7%		
4 =	Well	615	34.3%		
5 =	Very well	884	49.4%		
27. Provide a continuum of	support for consultation, collaboration, co-	1790	86.3%		
teaching to mentoring with	multi or interdisciplinary team members	DNR 284	13.7%		
1 =	Not at all	10	0.6%	4.29	Mean
2 =	Poorly	34	1.9%	0.81	SD
3 =	Adequately	245	13.7%		
4 =	Well	632	35.3%		
5 =	Very well	869	48.5%		

Content

How well did your teacher preparation program prepare you to do each of the following as a teacher?

28. Teach my content area(s) according to California academic content		1774	85.5%		
standards in my grade(s)		DNR 300	14.5%		
1 =	Not at all	17	1.0%	4.21	Mean
2 =	Poorly	44	2.5%	0.86	SD
3 =	Adequately	270	15.2%		
4 =	Well	656	37.0%		
5 =	Very well	787	44.4%		
29. Contribute to students'	reading skills including comprehension in my	1778	85.7%		
subject area		DNR 296	14.3%		
1 =	Not at all	10	0.6%	4.28	Mean
2 =	Poorly	38	2.1%	0.82	SD
3 =	Adequately	238	13.4%		
4 =	Well	642	36.1%		
5 =	Very well	850	47.8%		
30. Enable students to acqu	ire subject matter skills that contribute to future	1775	85.6%		
success in life, college, and	career	DNR 299	14.4%		
1 =	Not at all	14	0.8%	4.23	Mean
2 =	Poorly	36	2.0%	0.84	SD
3 =	Adequately	276	15.5%		
4 =	Well	653	36.8%		
5 =	Very well	796	44.8%		

Total survey respondents: 2074 Response rate: 95.6 %

31. Anticipate and address the needs of students who are at risk of dropping

1744 84.1%

Date: 10/15/2018

DNR 330 15.9%

out		DNK 330	15.9%		
1	Not at all	39	2.2%	3.99	Mean
2	= Poorly	87	5.0%	0.99	
3	= Adequately	368	21.1%		
4	= Well	603	34.6%		
5	= Very well	647	37.1%		
	Field Experiences				
	Field Experiences				
	best describes the kind of clinical experience you	1797	86.6%		
had during your preparation	on? (check all that apply):	DNR 277	13.4%		
	Student teaching with a cooperating teacher	664	32.0%		
	Teaching fellow or intern in a program where I served				
	as teacher of record while taking courses for my credential				
		1069	51.5%		
	Teaching on an emergency credential [PIP/ STP] while taking courses for my credential				
		262	12.6%		
33 How often did prepara	tion program faculty or staff communicate with	1792	86.4%		
	means about your teaching practice?	DNR 282	13.6%		
1	= Less than once per month	58	3.2%	3.90	Mean
2	Once per month	167	9.3%	1.19	
3	= Twice per month	397	22.2%		
4	= Once per week	558	31.1%		
5	= 2-3 times per week	500	27.9%		
6	■ Daily	112	6.3%		
		1704	06.00/		
	tion program faculty or supervisors observe your	1784	86.0%		
	provide feedback during your clinical practice?	DNR 290	14.0%	2.27	
1	2.5.1	70	3.9%		Mean
2		459	25.7%	1.36	SD
3		576	32.3%		
•	= 11-15 times	293	16.4%		
	= 16-20 times	191	10.7%		
6	= More than 20 times	195	10.9%		
35 My field experiences h	elped me integrate and apply the major ideas	1791	86.4%		
developed through progra		DNR 283	13.6%		
	= Strongly Disagree	421	23.5%	3.22	Mean
2	D:	282	15.7%	1.58	
3	N	102	5.7%		
4		448	25.0%		
5		538	30.0%		
5	_ Strongly rigide	550	30.070		

Total survey respondents: 2074 Response rate: 95.6 %

36. My cooperating teacher(s) (select all that apply):	1722	83.0%		
, , ,	DNR 352	17.0%		
Frequently observed my teaching and met with me to				
offer feedback	1218	58.7%		
Was an excellent educator and a valuable role model	1274	61.4%		
Modeled effective practices	1169	56.4%		
Helped me plan and organize curriculum materials	1149	55.4%		
Offered useful strategies and advice about my teaching	1402	67.6%		
Helped me reflect on my practice	1313	63.3%		
Helped me to solve teaching problems	1283	61.9%		
Was knowledgeable about and able to provide support for field-based assignments	1331	64.2%		
27. Annuaring state to be surprised times did you around in attudent togething (in the	1379	66.5%		
37. Approximately how much time did you spend in student teaching (in the classroom of a cooperating teacher) as part of your supervised fieldwork?	DNR 695	33.5%		
1 = Less than 100 hours	53	6.9%	3.34	Mean
2 = 100 - 299 hours	119	15.6%	1.18	
3 = 300 - 599 hours	275	35.9%		30
4 = 600 - 799 hours	148	19.3%		
5 = 800 hours or more	170	22.2%		
This question does not apply to me*	614			
		67.40/		
38. Approximately how much time did you spend in an internship	1392	67.1%		
placement as teacher of record as part of your fieldwork?	DNR 682	32.9%		
1 = Less than 100 hours	18	1.6%		Mean
2 = 100 - 299 hours	56	4.9%	0.96	SD
3 = 300 - 599 hours	101	8.9%		
4 = 600 - 799 hours	125	11.0%		
5 = 800 hours or more	840	73.7%		
Does not apply/I was not in an internship $_{\ast}$	252	-		
20. The same and in an intermedia also are the same first and the same				
39. If you served in an internship placement , how often did your assigned mentor observe your classroom instruction and provide feedback	1402	67.6%		
and assistance during your clinical practice?	DNR 672	32.4%		
1 = Once or twice	69	6.1%	3.79	Mean
2 = 3-5 times	191	16.8%	1.56	
3 = 6-10 times	293	25.7%		J-D
$4 = \frac{11-15 \text{ times}}{}$	190	16.7%		
5 = 16-20 times	150	13.2%		
5		21.7%		
6 = More than 20 times	247	21./ 70		

Content for Special Education: English Language Arts

In your teacher preparation program, how much opportunity did you have to do each of the following?

40.)			74.8%
40a) Learn ways to teach decoding skills		DNR 523	25.2%
1 =	None	47	3.0%
2 =	Touched on it Briefly	148	9.5%
3 =	Spent Time Discussing or Doing	349	22.5%
4 =	Explored in Some Depth	553	35.7%
5 =	Extensive Opportunity	454	29.3%

3.79 **Mean**1.06 **SD**

Total survey respondents: 2074 Response rate: 95.6 %

		1500	75 20/		
40b) Learn ways to b	uild student interest and motivation to read	1560 DNR <i>514</i>	75.2% 24.8%		
	1 = None	21	1.3%	3 99	Mean
	2 = Touched on it Briefly	95	6.1%	0.97	- 1
	3 = Spent Time Discussing or Doing	322	20.6%	0.57	30
	4 = Explored in Some Depth	561	36.0%		
	5 = Extensive Opportunity	561	36.0%		
	5 - Extensive opportunity	301	30.070		
		1556	75.0%		
40c) Learn how to he	elp students make predictions to improve comprehension	DNR 518	25.0%		
	1 = None	29	1.9%	3.88	Mean
	2 = Touched on it Briefly	124	8.0%	1.01	I
	3 = Spent Time Discussing or Doing	350	22.5%		30
	4 = Explored in Some Depth	558	35.9%		
	5 = Extensive Opportunity	495	31.8%		
	5 = <u></u>	.55	021070		
		1542	74.3%		
40d) Learn how to su	pport older students in learning to read	DNR 532	25.7%		
	1 = None	71	4.6%	3.64	Mean
	2 = Touched on it Briefly	192	12.5%	1.14	I
	3 = Spent Time Discussing or Doing	374	24.3%	1.1.	30
	4 = Explored in Some Depth	493	32.0%		
	5 = Extensive Opportunity	412	26.7%		
	3 = <u></u>				
40.31	l l l l l l l l l l l l l l l l l l l	1551	74.8%		
or reading abilities	each reading and writing to students at different stages	DNR 523	25.2%		
or reading abilities	1 = None	27	1.7%	3 96	Mean
	2 = Touched on it Briefly	99	6.4%	1.00	
	Count Time Discussion on Daine	345	22.2%	1.00	SD
	3 = Spent Time Discussing or Doing 4 = Explored in Some Depth	512	33.0%		
	5 = Extensive Opportunity	568	36.6%		
	3 - Extensive opportunity	300	30.070		
		1560	75.2%		
40f) Learn how to act	tivate students' prior knowledge	DNR 514			
	1 = None	13	0.8%	⊿ 15	Mean
	1 = None 2 = Touched on it Briefly	58	3.7%	0.91	
	Count Time Discussion on Daine	297	19.0%	0.51	שט
	3 = Spent Time Discussing or Doing 4 = Explored in Some Depth	513	32.9%		
	<u> </u>	679	43.5%		
	5 = Extensive Opportunity	0/9	15.570		
40 3 11 1		1545	74.5%		
40g) Listen to an ind his/her reading achie	ividual child read aloud for the purpose of assessing	DNR 529			
mayner reduility defile			25.5%	4.01	
	1 = None Touched on it Briefly	52	3.4%		Mean
	2 = Touched on it Briefly Spent Time Discussing or Deing	300	5.4%	1.06	SD
	3 = Spent Time Discussing or Doing	299	19.4%		
	4 = Explored in Some Depth	474	30.7%		
	5 = Extensive Opportunity	636	41.2%		

Total survey respondents: 2074 Response rate: 95.6 %

			FF0	74 70/		
40h) Plan and teach a guided i	reading lesson	DNR	550	74.7%		
, No	000	DIKK		25.3%	4.02	
$1 = \frac{NG}{T_0}$	ouched on it Briefly		93	6.0%	1.04	Mean
	pent Time Discussing or Doing		303	19.5%	1.04	SD
			474	30.6%		
_	xplored in Some Depth					
5 = Ex	ktensive Opportunity		640	41.3%		
40i) Learn to teach students to	o organize their ideas prior to writing		546	74.5%		
—	o organize their ideas prior to writing	DNR	528	25.5%		
	one		40	2.6%		Mean
2 = To	ouched on it Briefly		144	9.3%	1.07	SD
$3 = \frac{Sp}{Sp}$	pent Time Discussing or Doing		337	21.8%		
4 = Ex	xplored in Some Depth		506	32.7%		
5 = Ex	xtensive Opportunity		519	33.6%		
40i) Use student reading acces	ssment results to address student needs and	1	545	74.5%		
improve your teaching	someth results to dudress student needs and	DNR	529	25.5%		
_	one		32	2.1%	4.07	Mean
	ouched on it Briefly		75	4.9%	0.98	
	pent Time Discussing or Doing		279	18.1%		30
	xplored in Some Depth		522	33.8%		
_	ktensive Opportunity		637	41.2%		
_	,					
	d about teaching reading in your field		.550	74.7%		
experiences		DNR		25.3%		
	one		41	2.6%		Mean
	ouched on it Briefly		73	4.7%	1.02	SD
	pent Time Discussing or Doing		273	17.6%		
_	kplored in Some Depth		463	29.9%		
5 = Ex	ktensive Opportunity		700	45.2%		
401) Childrighter	was disa //asausa a suta	1	550	74.7%		
40I) Study state standards for	reamon/Janguage arts					
	redding/language arts	DNR	524	25.3%		
1 = No	one	DNR	<i>524</i> 29	1.9%	3.98	Mean
		DNR			3.98 1.02	
2 = To	one	DNR	29	1.9%		
2 = Tc $3 = Sr$	one ouched on it Briefly	DNR	29 117	1.9% 7.5%		
2 = To 3 = Sp 4 = Ex	one ouched on it Briefly pent Time Discussing or Doing	DNR	29 117 296	1.9% 7.5% 19.1%		
2 = To 3 = Sp 4 = Ex	one Duched on it Briefly Dent Time Discussing or Doing Replored in Some Depth	DNR	29 117 296 517	1.9% 7.5% 19.1% 33.4%		
2 = To 3 = Sp 4 = Ex	one Duched on it Briefly Dent Time Discussing or Doing Replored in Some Depth		29 117 296 517 591	1.9% 7.5% 19.1% 33.4% 38.1%		
2 = To 3 = Sp 4 = Ex	one Duched on it Briefly Dent Time Discussing or Doing Explored in Some Depth Extensive Opportunity	1	29 117 296 517 591	1.9% 7.5% 19.1% 33.4% 38.1%		
$2 = \frac{1}{100}$ $3 = \frac{1}{100}$ $4 = \frac{1}{100}$ $5 = \frac{1}{100}$ 40m) Study, critique or adapt	one Duched on it Briefly Dent Time Discussing or Doing Explored in Some Depth Extensive Opportunity reading curriculum materials		29 117 296 517 591 553 521	1.9% 7.5% 19.1% 33.4% 38.1% 74.9% 25.1%	1.02	SD
$2 = \frac{1}{1}$ $3 = \frac{1}{1}$ $4 = \frac{1}{1}$ 40 40 40 $1 = \frac{1}{1}$	one puched on it Briefly pent Time Discussing or Doing explored in Some Depth extensive Opportunity reading curriculum materials one	1	29 117 296 517 591 .553 <i>521</i> 49	1.9% 7.5% 19.1% 33.4% 38.1% 74.9% 25.1% 3.2%	3.92	SD
$2 = \frac{1}{100}$ $3 = \frac{1}{100}$ $4 = \frac{1}{100}$ $40m) Study, critique or adapt 1 = \frac{1}{100} 2 = \frac{1}{100}$	one Duched on it Briefly Dent Time Discussing or Doing Explored in Some Depth Extensive Opportunity reading curriculum materials Duched on it Briefly	1	29 117 296 517 591 .553 <i>521</i> 49	1.9% 7.5% 19.1% 33.4% 38.1% 74.9% 25.1% 3.2% 7.7%	1.02	SD
$2 = \frac{1}{100}$ $3 = \frac{1}{100}$ $4 = \frac{1}{100}$ $40m) Study, critique or adapt 1 = \frac{1}{100} 2 = \frac{1}{100} 3 = \frac{1}{100} 3 = \frac{1}{100}$	one Duched on it Briefly Dent Time Discussing or Doing Explored in Some Depth Extensive Opportunity reading curriculum materials One Duched on it Briefly Dent Time Discussing or Doing	1	29 117 296 517 591 553 521 49 119 316	1.9% 7.5% 19.1% 33.4% 38.1% 74.9% 25.1% 3.2% 7.7% 20.3%	3.92	SD
$2 = \frac{T_{C}}{T_{C}}$ $3 = \frac{S_{F}}{S_{F}}$ $4 = \frac{E_{X}}{E_{X}}$ $5 = \frac{E_{X}}{E_{X}}$ $40m) Study, critique or adapt 1 = \frac{N_{C}}{S_{F}} 2 = \frac{T_{C}}{S_{F}} 3 = \frac{S_{F}}{S_{F}} 4 = \frac{E_{X}}{S_{F}}$	one Duched on it Briefly Dent Time Discussing or Doing Explored in Some Depth Extensive Opportunity reading curriculum materials Duched on it Briefly	1	29 117 296 517 591 .553 <i>521</i> 49	1.9% 7.5% 19.1% 33.4% 38.1% 74.9% 25.1% 3.2% 7.7%	3.92	SD

Total survey respondents: 2074 Response rate: 95.6 %

Content for Special Education: Mathematics

In your teacher preparation program, how much opportunity did you have to do each of the following?

	1513	73.0%		
41a) Learn typical difficulties students have with place value	DNR 561	27.0%		
1 = None	168	11.1%	3.34	Mean
2 = Touched on it Briefly	244	16.1%	1.29	
3 = Spent Time Discussing or Doing	347	22.9%	1.25	30
4 = Explored in Some Depth	421	27.8%		
5 = Extensive Opportunity	333	22.0%		
J = Extensive opportunity	333	22.070		
	1511	72.9%		
41b) Learn typical difficulties students have with fractions	DNR 563	27.1%		
1 = None	185	12.2%	3.26	Mean
2 = Touched on it Briefly	267	17.7%	1.31	
3 = Spent Time Discussing or Doing	344	22.8%		
4 = Explored in Some Depth	393	26.0%		
5 = Extensive Opportunity	322	21.3%		
41c) Use representations (e.g., geometric representation, graphs, number	1513	73.0%		
lines) to show explicitly why a procedure works	DNR 561	27.0%		
1 = None	155	10.2%	3.42	Mean
2 = Touched on it Briefly	222	14.7%	1.28	I
3 = Spent Time Discussing or Doing	335	22.1%		32
4 = Explored in Some Depth	428	28.3%		
5 = Extensive Opportunity	373	24.7%		
41d) Prove that a solution is valid or that a method works for all similar	1513	73.0%		
Cases	DNR 561	27.0%		
1 = None	167	11.0%	3.34	Mean
2 = Touched on it Briefly	231	15.3%	1.27	
3 = Spent Time Discussing or Doing	364	24.1%		32
4 = Explored in Some Depth	425	28.1%		
5 = Extensive Opportunity	326	21.5%		
) = <u></u>	3_0			
	1527	73.6%		
41e) Study, critique, or adapt math curriculum materials	DNR 547	26.4%		
1 = None	122	8.0%	3.58	Mean
2 = Touched on it Briefly	180	11.8%	1.24	
3 = Spent Time Discussing or Doing	344	22.5%		32
4 = Explored in Some Depth	447	29.3%		
5 = Extensive Opportunity	434	28.4%		
3 = <u></u>				
	1530	73.8%		
41f) Learn how to facilitate math learning for students in small groups	DNR 544	26.2%		
1 = None	88	5.8%	3.72	Mean
2 = Touched on it Briefly	184	12.0%	1.21	
3 = Spent Time Discussing or Doing	319	20.8%		30
4 = Explored in Some Depth	416	27.2%		
5 = Extensive Opportunity	523	34.2%		
2 = =::::::::: 3ppo::::::::::::::::::::::::::	0_0	3		

Total survey respondents: 2074 Response rate: 95.6 %

		1528	73.7%		
llg) Adapt math lessons f	or students with diverse needs and learning styles	DNR 546	26.3%		
1 :	None	74	4.8%	3.83	Mean
2 :	Touched on it Briefly	153	10.0%	1.17	
3 :	Spent Time Discussing or Doing	293	19.2%		
4 :	Explored in Some Depth	440	28.8%		
5 :	Extensive Opportunity	568	37.2%		
		1527	73.6%		
11h) Practice what you lea	rned about teaching math in your field experience	DNR 547	26.4%		
1 :	None	89	5.8%	3.80	Mear
2 :	Touched on it Briefly	145	9.5%	1.20	
3 :	Spent Time Discussing or Doing	310	20.3%		
4 :	Explored in Some Depth	423	27.7%		
5 :	Extensive Opportunity	560	36.7%		
		1524	73.5%		
I1i) Study national or stat	e standards for mathematics	DNR 550	26.5%		
1 :	None	92	6.0%	3.69	Mear
2 :	Touched on it Briefly	153	10.0%	1.18	
3 :	Spent Time Discussing or Doing	356	23.4%		
4 :	Explored in Some Depth	455	29.9%		
5 :	Extensive Opportunity	468	30.7%		
		1515	73.0%		
11j) Review local district n	nathematics curriculum	DNR 559	27.0%		
3,				2.20	Mear
1 :	None	179	11.8%	3.38	
		179 230	11.8% 15.2%		
1 :	Touched on it Briefly			1.32	
1 :	Touched on it Briefly Spent Time Discussing or Doing	230	15.2%		

General

42. Overall, how effective was your teacher preparation program at	1685	81.2%
developing the skills or tools you needed to become an education specialist?	DNR 389	18.8%
1 = Not at all effective	15	0.9%
2 = Somewhat effective	161	9.6%
3 = Effective	638	37.9%
4 = Very effective	871	51.7%

3.40	Mean
0.70	SD

Date: 10/15/2018

Demographics

42. Are you Himmin or Latino?	1693	81.6%
43. Are you Hispanic or Latino?		18.4%
No, not Hispanic or Latino	1133	66.9%
Yes, Hispanic or Latino	560	33.1%

Total survey respondents: 2074 Response rate: 95.6 %

44. What is your race? (Select all that apply)		1480	71.4%
		DNR 594	28.6%
	American Indian or Alaska Native	75	3.6%
	Chinese	24	1.2%
	Japanese	24	1.2%
	Korean	16	0.8%
	Vietnamese	16	0.8%
	Asian Indian	14	0.7%
	Laotian	6	0.3%
	Cambodian	3	0.1%
	Filipino	53	2.6%
	Hmong	3	0.1%
	Other Asian	20	1.0%
	Black or African American	111	5.4%
	Hawaiian	5	0.2%
	Guamanian	7	0.3%
	Samoan	3	0.1%
	Tahitian	1	0.0%
	Other Pacific Islander	10	0.5%
	White	1241	59.8%

45. What is your gender?

	1698	81.9%
	DNR 376	18.1%
Female	1291	76.0%
Male	379	22.3%
Decline to state	28	1.6%

Preliminary Educational Specialist Credential Program Completer Survey - 2018

Response Rate by IHE (Statewide completion rate is 95.6 %)

# Survey Requests Made	Comple	of Program eters who oonded	Name of Institution
56	54	96.43 %	ALLIANT INTERNATIONAL UNIVERSITY
10	10	100 %	ANTIOCH UNIVERSITY
75	72	96 %	AZUSA PACIFIC UNIVERSITY
1	1	100 %	BIOLA UNIVERSITY
123	119	96.75 %	BRANDMAN UNIVERSITY
32	32	100 %	CALIFORNIA BAPTIST UNIVERSITY
28	25	89.29 %	CALIFORNIA LUTHERAN UNIVERSITY
25	24	96 %	CALIFORNIA POLYTECHNIC STATE UNIVERSITY, SAN LUIS OBISPO
41	36	87.8 %	CALIFORNIA STATE POLYTECHNIC UNIVERSITY, POMONA
62	61	98.39 %	CALIFORNIA STATE UNIVERSITY, BAKERSFIELD
12	12	100 %	CALIFORNIA STATE UNIVERSITY, CHANNEL ISLANDS
36	33	91.67 %	CALIFORNIA STATE UNIVERSITY, CHICO
72	71	98.61 %	CALIFORNIA STATE UNIVERSITY, DOMINGUEZ HILLS
27	27	100 %	CALIFORNIA STATE UNIVERSITY, EAST BAY
44	44	100 %	CALIFORNIA STATE UNIVERSITY, FRESNO
92	91	98.91 %	CALIFORNIA STATE UNIVERSITY, FULLERTON
63	63	100 %	CALIFORNIA STATE UNIVERSITY, LONG BEACH
28	27	96.43 %	CALIFORNIA STATE UNIVERSITY, LOS ANGELES
31	31	100 %	CALIFORNIA STATE UNIVERSITY, MONTEREY BAY
38	38	100 %	CALIFORNIA STATE UNIVERSITY, NORTHRIDGE
3	3	100 %	CALIFORNIA STATE UNIVERSITY, SACRAMENTO
26	26	100 %	CALIFORNIA STATE UNIVERSITY, SAN BERNARDINO
20	19	95 %	CALIFORNIA STATE UNIVERSITY, SAN MARCOS
5	5	100 %	CALIFORNIA STATE UNIVERSITY, STANISLAUS
20	18	90 %	CHAPMAN UNIVERSITY
8	8	100 %	CLAREMONT GRADUATE UNIVERSITY
8	8	100 %	CONCORDIA UNIVERSITY IRVINE
2	2	100 %	DOMINICAN UNIVERSITY OF CALIFORNIA
28	28	100 %	FRESNO PACIFIC UNIVERSITY
2	2	100 %	HIGH TECH HIGH
1	1	100 %	HOLY NAMES UNIVERSITY
3	3	100 %	HUMBOLDT STATE UNIVERSITY
19	19	100 %	LOS ANGELES COUNTY OFFICE OF EDUCATION
94	78	82.98 %	LOS ANGELES UNIFIED SCHOOL DISTRICT
82	79	96.34 %	LOYOLA MARYMOUNT UNIVERSITY
3	3	100 %	MILLS COLLEGE
10	10	100 %	MOUNT SAINT MARY'S UNIVERSITY
15	15	100 %	MT. DIABLO UNIFIED SCHOOL DISTRICT
409	397	97.07 %	NATIONAL UNIVERSITY
14	13	92.86 %	NOTRE DAME DE NAMUR UNIVERSITY
5	4	80 %	PACIFIC OAKS COLLEGE
78	72	92.31 %	POINT LOMA NAZARENE UNIVERSITY
58	58	100 %	SAN DIEGO STATE UNIVERSITY
36	35	97.22 %	SAN FRANCISCO STATE UNIVERSITY

Preliminary Educational Specialist Credential Program Completer Survey - 2018

Response Rate by IHE (Statewide completion rate is 95.6 %)

# Survey Requests Made	Comple	of Program eters who oonded	Name of Institution
18	15	83.33 %	SAN FRANCISCO UNIFIED SCHOOL DISTRICT
3	1	33.33 %	SAN JOAQUIN COUNTY OFFICE OF EDUCATION
11	10	90.91 %	SAN JOSE STATE UNIVERSITY
10	10	100 %	SANTA CLARA COUNTY OFFICE OF EDUCATION
11	11	100 %	SONOMA STATE UNIVERSITY
19	18	94.74 %	ST. MARY'S COLLEGE OF CALIFORNIA
88	72	81.82 %	TEACHERS COLLEGE OF SAN JOAQUIN
14	13	92.86 %	TOURO UNIVERSITY
32	31	96.88 %	TULARE COUNTY OFFICE OF EDUCATION
3	3	100 %	UNIVERSITY OF CALIFORNIA, LOS ANGELES
13	13	100 %	UNIVERSITY OF CALIFORNIA, RIVERSIDE
4	4	100 %	UNIVERSITY OF CALIFORNIA, SAN DIEGO
4	4	100 %	UNIVERSITY OF CALIFORNIA, SANTA BARBARA
24	24	100 %	UNIVERSITY OF LA VERNE
18	18	100 %	UNIVERSITY OF REDLANDS
8	8	100 %	UNIVERSITY OF SAN DIEGO
14	13	92.86 %	UNIVERSITY OF SAN FRANCISCO
11	11	100 %	UNIVERSITY OF SOUTHERN CALIFORNIA
17	16	94.12 %	UNIVERSITY OF THE PACIFIC
2	2	100 %	WHITTIER COLLEGE